

Abstract of the Disclosure:

In the field of electronic reproduction technology there exists a need for the color transformation of color values of a first device-dependent color space into color values of a second device-dependent color space. The transformation is effected with color profiles in accordance with the ICC standard, and with a view to render the visual impression of the colors reproduced in the two color spaces substantially identical. The color transformation with a relative colorimetric rendering intent, defined in accordance with the ICC standard, is supplemented by a chromatic adaptation transformation based on the white points of the color spaces, with which the chromatic adaptation of the visual system in the case of different white points is taken into account.